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Amendment to Specification

The inlet ends 61 of the fuel channels 71 are offset from the outlet ends 62 of the fuel channels 71. The offset is created by transverse portions 73 which together make up a parallelogram-shaped flow field transverse area 74. The transverse channels 73 may have either one groove 77 or two grooves 78, 79. The ratio of the number of grooves 77-79 to the number of transverse channels 73 is on the order of the aspect ratio of the reactant gas flow field transverse area 74. In the embodiment of Fig. 6, the ratio of the length, L, of the transverse area 74 (from right to left in Fig. 6) to the width, W, of the transverse area 74 (from the top to the bottom as shown in Fig. 6) is about 1.4. In the embodiment of Fig. 6, there are approximately 16 grooves 77-79 per 11 transverse channels 73, which is a ratio of grooves to channels of 1.4. Thus, the ratio of transverse grooves to transverse channels in the embodiment of Figs. 6 and 7 is about the same as the aspect ratio of the transverse area 74.